

A SAFER SALINA



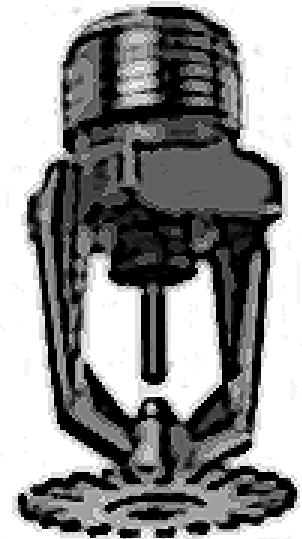
The City of Salina and the Salina Fire Department promotes the wider use of fire sprinklers, and automatic water-based fire suppression systems, to reduce deaths and injuries, property losses and damage to the environment, caused by fire.



Salina Fire Department
222 W. Elm
Salina, Kansas 67401

Phone: 785-826-7340
Fax: 785-826-7348

FIRE SPRINKLER INFORMATION



FIRE SPRINKLERS
SAVE LIVES AND
PRESERVE PROPERTY

FACTS ABOUT FIRE SPRINKLERS

HISTORY OF SPRINKLERS

In 1870, the first fire sprinklers were used to combat fires in commercial and industrial

property. Today's sprinkler systems work in exactly the same way as those early systems, but continuous research and development and rigorous quality assurance processes have ensured that

today's systems are among the most reliable protective systems available.



FIRE SPRINKLER FACTS

- Fire sprinklers deliver water directly to the seat of the fire.
- Operates automatically
- Relatively inexpensive to install
- Reduces the likelihood of fire related deaths and or injuries. Minimizes the loss of contents and structural damage to buildings.
- May attract insurance discounts.
- Fire sprinklers require less water to extinguish a fire in comparison to the suppression activities of a fire department.

WATER DAMAGE

Some people are concerned that water damage caused by automatic fire sprinklers will be worse than the damage caused by a fire, this of course is untrue. Each sprinkler is individually triggered by the heat of a fire and initially just one head operates, which in many cases is sufficient to extinguish the fire. The water discharged by sprinklers is less than the amount of water that would be required by the fire department.

COST EFFECTIVE

Sprinklers are NOT expensive, typically accounting for 1-2% of the total construction cost of a new building. The use of sprinklers will usually allow design freedoms as well, which can reduce construction costs and improve usability of the building.

SAVES LIVES & PROPERTY

The National Fire Protection Agency has no record of a fire killing more than two people in a completely sprinklered public assembly, educational, institu-

tional or residential building where the system was working properly. Statistics show that the installation of fire sprinklers will virtually eliminate fire deaths, reduce injuries by at least 80% and reduce property damage by 90%.



DEPENDABLE

Fire alarms and smoke detectors can only warn of a fire starting and depend on someone calling the fire department. Fire sprinklers not only warn of a fire, they also act immediately to control it, even if no one is present. In most cases the sprinkler system will have gained control of the fire long before the fire department is even notified.

INSURANCE DISCOUNTS

The insurance industry understands the effectiveness of fire sprinklers. Most if not all insurance companies will offer drastically lower premiums or large discounts for property protected by an automatic sprinkler system. The money saved on insurance premiums could pay for the sprinkler system in just a few years.



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